

# Command Help Frame

COMMAND DESCRIPTION



## NOTICE

The information contained in this document is believed to be accurate in all respects but is not warranted by Mitel Networks™ Corporation (MITEL®). Mitel makes no warranty of any kind with regards to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. The information is subject to change without notice and should not be construed in any way as a commitment by Mitel or any of its affiliates or subsidiaries. Mitel and its affiliates and subsidiaries assume no responsibility for any errors or omissions in this document. Revisions of this document or new editions of it may be issued to incorporate such changes.

No part of this document can be reproduced or transmitted in any form or by any means - electronic or mechanical - for any purpose without written permission from Mitel Networks Corporation.

## TRADEMARKS

The trademarks, service marks, logos and graphics (collectively "Trademarks") appearing on Mitel's Internet sites or in its publications are registered and unregistered trademarks of Mitel Networks Corporation (MNC) or its subsidiaries (collectively "Mitel") or others. Use of the Trademarks is prohibited without the express consent from Mitel. Please contact our legal department at [legal@mitel.com](mailto:legal@mitel.com) for additional information. For a list of the worldwide Mitel Networks Corporation registered trademarks, please refer to the website: <http://www.mitel.com/trademarks>.

© Copyright 2016, Mitel Networks Corporation

All rights reserved

## 1

## COMMAND

## 1.1

## FORMAT

**command**

```

[-T x] [--help-complete]
[-T x] [--help-framework]
[-T x] [--print-synopsis]
[-T x] [--version]
[-T x] [-?]

```

## 1.2

## FUNCTION

The MD\_COM framework, here exemplified with the *command* name, has some common features for all commands that use the framework. The framework helps to parse the command lines, and writes out the help texts (and a few other things).

The defined switches in the system have a long form and some of them have a short form. The short form is a dash '-' followed by a single letter. The long form is a double dash '--' followed by a complete word. Some switches only have the long form, and a few switches only have the short form. If a switch has both the short and the long form, they are equivalent. In the format part of the command description only the short form is shown for switches that have a short form.

Some switches use a plus sign '+' as a prefix instead of the normal minus sign. For these switches the short form has a single plus sign '+' as prefix, while the long form has a double plus sign as prefix '++'.

A few switches use either plus '+' or minus '-' as prefix. For such a switch the meaning is reversed if the prefix is changed from plus '+' to minus '-'.

In the format section the optional arguments are enclosed in square brackets '['. Alternatives are listed as separate command lines. If the command line is too long to fit on a single line it is continued on the next line using backslash '\' as continuation indicator.

In command parameters where a string of digits can be entered, like, for example, as D<sub>1</sub>D<sub>2</sub>D<sub>3</sub>D<sub>4</sub>D<sub>5</sub>D<sub>6</sub> for --ext-npres to *extension\_profile*, the digits are counted from left to right.

The arguments to switches are denoted as single characters in the format lines. The meaning of these single characters are:

- x argument is a single value
- s argument can be a sequence (comma separated)
- r argument can be a range (using double dot '..' to separate start and stop value)
- m argument can be a combination of sequences (comma separated) and ranges (using double dot '..' to separate start and stop value)
- X argument can be the special word 'all' or a single value
- S argument can be the special word 'all' or a sequence (comma separated)
- R argument can be the special word 'all' or a range (using double dot '..' to separate start and stop value)

- M argument can be the special word 'all' or a combination of sequences (comma separated) and ranges (using double dot '..' to separate start and stop value)

## 1.3

## PARAMETERS

### **-T**

Do a function trace on the command while it is executing. The argument to this switch is a string of the function trace flags. Function trace is only possible for the debug version of the command (not for the optimized version).

The switch requires an argument. The argument is single-valued.

### **-, --help**

Print the help text of the command. The printed help text is only the help text that is unique for this command. The help text on the command parsing framework (MD\_COM) that is identical to all commands is not included. See also '--help-complete'.

The switch takes no arguments.

### **--help-complete**

Print the complete help text of the command. The printed help text includes help text on the command parsing framework (MD\_COM) that is identical to all commands. See also '--help' and '--help-framework'.

The switch takes no arguments.

### **--help-framework**

Print the help text of the command parsing framework (MD\_COM). That is, print the help text for the switches and features that are identical to all commands using the framework.

The switch takes no arguments.

### **--print-synopsis**

Print the format (that is, the possible ways to invoke this command using switches). This can be used in a smart shell to implement tab-completion of switches.

The switch takes no arguments.

### **--version**

Print the version information for the current command.

The switch takes no arguments.